

AS



PCT09

RAW SEQUENCE LISTING

DATE: 02/25/2002

PATENT APPLICATION: US/09/831,580

TIME: 10:09:35

Input Set : A:\20332P SeqList.txt

Output Set: N:\CRF3\02252002\I831580.raw

ENTERED

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4 <110> APPLICANT: LIU, QINGYUN
5      WANG, RUIPING
6      BAILEY, WENDY
7      DAVIDOFF, MICHAEL
9 <120> TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR RESEMBLING
10     THE LEUKOTRIENE B4 RECEPTOR
13 <130> FILE REFERENCE: 20332P
15 <140> CURRENT APPLICATION NUMBER: 09/831,580
16 <141> CURRENT FILING DATE: 2001-09-24
18 <150> PRIOR APPLICATION NUMBER: 60/108,111
19 <151> PRIOR FILING DATE: 1998-11-12
21 <150> PRIOR APPLICATION NUMBER: PCT/US99/26303
22 <151> PRIOR FILING DATE: 1999-11-08
24 <160> NUMBER OF SEQ ID NOS: 5
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 1550
30 <212> TYPE: DNA
31 <213> ORGANISM: Homo Sapiens
33 <400> SEQUENCE: 1
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35  caagaaggag ttgtgtttga ggtggggtct gggtcctcgt ggaagtcagg actcccaggc      120
36  agaaaagagg caggctgcag ggaagtaagg aggaggcatg gcaccttctc atcgggcctc      180
37  acaggtgggg ttttgcccca cccctgaacg cctctgttgg cgccttcac ccaactgtag      240
38  gcccagaagg atgtcggtct gctaccgtcc ccaggggaac gagacactgc tgagctggaa      300
39  gacttcggcg gccacaggca cagccttctc gctgctggcg gcgctgctgg ggcctgctgg      360
40  caacgggttt gtggtgtgga gcttggcggg ctggcggttt gcaagggggc gaccgctggc      420
41  ggcaacggct gtgttgcaac tggcgctggc cgacggcgcg gtgctgctgc tcaacggctt      480
42  ctttgtgggc ttctgaccc gccaggtctg gccgctgggc caggcgggct gcaaggcggg      540
43  gtaactacgtg tcgcgcgtca gcatgtacgc cagcgtgctg ctcaacgggc tgcctagcct      600
44  gcagcgctgc ttgcagtcac ccgcgccttt cctggcgctt cggctgagca gcccgggcct      660
45  ggcgcgcgcg ctgctgctgg cggctgtggt ggccgccttg ttgctgcgcg tcccgggcgc      720
46  cgtctacagg cactgtgtga gggacgggt atgcaagctg tgcacaggc cgcgggtaca      780
47  cgcgcgcgcg cactgtgagc tggagactct gacgctttc gtgcttcctt tggggtgat      840
48  gctcggctgc tacagcgtga cgttggaacg gctgaggggc gcaacgctgg gctccggggc      900
49  gcaaggggcg cgggtgggac ggcgtgtgag cgcacatcgt cttgccttcg gcttgccttg      960
50  ggcgccttac cagcagtcac accttctgca ggcggtcgca gcgctggctc caccgggaag      1020
51  ggccttggcg aagctgggag gacccggcca gccggcgcca gccgggaacta cggccttggc      1080
52  cttcttcagt tttagcgtca acccggtgct ctacgtcttc accgctggag atctgtgtgc      1140
53  ccgggcaggt ccccgcttcc tcaacgggct cttcgaagac tctggggagg ccggaagggg      1200
54  cggcgctctc aggggaagga ccatggagct ccgaactacc cctcagctga aagtgggtgg      1260
55  ggcgggggag ggcgtgtgag cccgggggag tgggtgagc ggcgggcttc ccccggtgag      1320

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57 cccctccagag gtcagtgttc tgggacattt ggggaccctt ctttgactag agtttggatc 1440
58 tggctgggta ggattagtat acaattgggg caggcccagg ctctccaaa ctgagggatt 1500
59 atgaggggtg tgatgtccc tgtaaggac tattgtgtgc ttgcaagttg 1550
61 <210> SEQ ID NO: 2
62 <211> LENGTH: 389
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo Sapiens
66 <400> SEQUENCE: 2
67 Met Ala Pro Ser His Arg Ala Ser Gln Val Gly Phe Cys Pro Thr Pro
68 1 5 10 15
69 Glu Arg Pro Leu Trp Arg Leu Pro Pro Thr Cys Arg Pro Arg Arg Met
70 20 25 30
71 Ser Val Cys Tyr Arg Pro Pro Gly Asn Glu Thr Leu Leu Ser Trp Lys
72 35 40 45
73 Thr Ser Arg Ala Thr Gly Thr Ala Phe Leu Leu Leu Ala Ala Leu Leu
74 50 55 60
75 Gly Leu Pro Gly Asn Gly Phe Val Val Trp Ser Leu Ala Gly Trp Arg
76 65 70 75 80
77 Leu Ala Arg Gly Arg Pro Leu Ala Ala Thr Leu Val Leu His Leu Ala
78 85 90 95
79 Leu Ala Asp Gly Ala Val Leu Leu Leu Thr Pro Phe Phe Val Ala Phe
80 100 105 110
81 Leu Thr Arg Gln Ala Trp Pro Leu Gly Gln Ala Gly Cys Lys Ala Val
82 115 120 125
83 Tyr Tyr Val Cys Ala Leu Ser Met Tyr Ala Ser Val Leu Leu Thr Gly
84 130 135 140
85 Leu Leu Ser Leu Gln Arg Cys Phe Ala Val Thr Arg Pro Phe Leu Ala
86 145 150 155 160
87 Leu Arg Leu Arg Ser Pro Ala Leu Ala Arg Arg Leu Leu Leu Ala Val
88 165 170 175
89 Trp Leu Ala Ala Leu Leu Leu Ala Val Pro Ala Ala Val Tyr Arg His
90 180 185 190
91 Leu Trp Arg Asp Arg Val Cys Gln Leu Cys His Pro Ser Pro Val His
92 195 200 205
93 Ala Ala Ala His Leu Ser Leu Glu Thr Leu Thr Ala Phe Val Leu Pro
94 210 215 220
95 Phe Gly Leu Met Leu Gly Cys Tyr Ser Val Thr Leu Ala Arg Leu Arg
96 225 230 235 240
97 Gly Ala Arg Trp Gly Ser Gly Arg His Gly Ala Arg Val Gly Arg Leu
98 245 250 255
99 Val Ser Ala Ile Val Leu Ala Phe Gly Leu Leu Trp Ala Pro Tyr His
100 260 265 270
101 Ala Val Asn Leu Leu Gln Ala Val Ala Ala Leu Ala Pro Pro Glu Gly
102 275 280 285
103 Ala Leu Ala Lys Leu Gly Gly Ala Gly Gln Ala Ala Arg Ala Gly Thr
104 290 295 300
105 Thr Ala Leu Ala Phe Phe Ser Ser Ser Val Asn Pro Val Leu Tyr Val
106 305 310 315 320
107 Phe Thr Ala Gly Asp Leu Leu Pro Arg Ala Gly Pro Arg Phe Leu Thr

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108          325          330          335
109 Arg Leu Phe Glu Gly Ser Gly Glu Ala Arg Gly Gly Gly Arg Ser Arg
110          340          345          350
111 Glu Gly Thr Met Glu Leu Arg Thr Thr Pro Gln Leu Lys Val Val Gly
112          355          360          365
113 Gln Gly Arg Gly Asn Gly Asp Pro Gly Gly Gly Met Glu Lys Asp Gly
114          370          375          380
115 Pro Glu Trp Asp Leu
116 385
118 <210> SEQ ID NO: 3
119 <211> LENGTH: 352
120 <212> TYPE: PRT
121 <213> ORGANISM: Homo Sapiens
123 <400> SEQUENCE: 3
124 Met Asn Thr Thr Ser Ser Ala Ala Pro Pro Ser Leu Gly Val Glu Phe
125 1          5          10          15
126 Ile Ser Leu Leu Ala Ile Ile Leu Leu Ser Val Ala Leu Ala Val Gly
127          20          25          30
128 Leu Pro Gly Asn Ser Phe Val Val Trp Ser Ile Leu Lys Arg Met Gln
129          35          40          45
130 Lys Arg Ser Val Thr Ala Leu Met Val Leu Asn Leu Ala Leu Ala Asp
131          50          55          60
132 Leu Ala Val Leu Leu Thr Ala Pro Phe Phe Leu His Phe Leu Ala Gln
133 65          70          75          80
134 Gly Thr Trp Ser Phe Gly Leu Ala Gly Cys Arg Leu Cys His Tyr Val
135          85          90          95
136 Cys Gly Val Ser Met Tyr Ala Ser Val Leu Leu Ile Thr Ala Met Ser
137          100          105          110
138 Leu Asp Arg Ser Leu Ala Val Ala Arg Pro Phe Val Ser Gln Lys Leu
139          115          120          125
140 Arg Thr Lys Ala Met Ala Arg Arg Val Leu Ala Gly Ile Trp Val Leu
141          130          135          140
142 Ser Phe Leu Leu Ala Thr Pro Val Leu Ala Tyr Arg Thr Val Val Pro
143 145          150          155          160
144 Trp Lys Thr Asn Met Ser Leu Cys Phe Pro Arg Tyr Pro Ser Glu Gly
145          165          170          175
146 His Arg Ala Phe His Leu Ile Phe Glu Ala Val Thr Gly Phe Leu Leu
147          180          185          190
148 Pro Phe Leu Ala Val Val Ala Ser Tyr Ser Asp Ile Gly Arg Arg Leu
149          195          200          205
150 Gln Ala Arg Arg Phe Arg Arg Ser Arg Arg Thr Gly Arg Leu Val Val
151          210          215          220
152 Leu Ile Ile Leu Thr Phe Ala Ala Phe Trp Leu Pro Tyr His Val Val
153 225          230          235          240
154 Asn Leu Ala Glu Ala Gly Arg Ala Leu Ala Gly Gln Ala Ala Gly Leu
155          245          250          255
156 Gly Leu Val Gly Lys Arg Leu Ser Leu Ala Arg Asn Val Leu Ile Val
157          260          265          270
158 Leu Ala Phe Leu Ser Ser Ser Val Asn Pro Val Leu Tyr Ala Cys Ala

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159          275          280          285
160 Gly Gly Gly Leu Val Arg Ser Ala Gly Val Gly Phe Val Ala Lys Leu
161      290          295          300
162 Leu Glu Gly Thr Gly Ser Glu Ala Ser Ser Thr Arg Arg Gly Gly Ser
163 305          310          315          320
164 Leu Gly Gln Thr Ala Arg Ser Gly Pro Ala Ala Leu Glu Pro Gly Pro
165          325          330          335
166 Ser Glu Ser Leu Thr Ala Ser Ser Pro Leu Lys Leu Asn Glu Leu Asn
167          340          345          350
169 (210) SEQ ID NO: 4
170 (211) LENGTH: 33
171 (212) TYPE: DNA
172 (213) ORGANISM: Homo Sapiens
174 (400) SEQUENCE: 4
175 cgcggatccg ccatcatggc accttctcat cgg
177 (210) SEQ ID NO: 5
178 (211) LENGTH: 27
179 (212) TYPE: DNA
180 (213) ORGANISM: Homo Sapiens
182 (400) SEQUENCE: 5
183 gcgggatcct caaaggtccc attccgg

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VERIFICATION SUMMARY

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